

BRS	29406		add\$3 near4 delay\$4	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:43
BRS	8470		subtract\$3 near4 delay\$4	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:26
BRS	1884		(add\$3 near4 delay\$4 ) same (subtract\$3 near4 delay\$4 )	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:26
BRS	1801619		reduce sampl\$4 near4 rate\$1	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:27
BRS	91		((add\$3 near4 delay\$4 ) same (subtract\$3 near4 delay\$4 ) same (reduce sampl\$4 near4 rate\$1)	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:38
BRS	0		20020105447 URPN.	USPAT	10/28/04 19:28
BRS	0		20020034272 URPN.	USPAT	10/28/04 19:30
BRS	5		("5365468"   "5451944"   "5617088"   "6057789"   "6518894").PN.	USPAT	10/28/04 19:31
BRS	1		6636165.URPN.	USPAT	10/28/04 19:31
BRS	10		("5365468"   "5617088"   "5786778"   "5880687"   "6005901"   "6057789"   "6061410"   "6208671"	USPAT	10/28/04 19:32
BRS	0		"6215839"   "6518894").PN.	USPAT	10/28/04 19:32
BRS	41014		schmidt.in.	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:38
BRS	28		freidhof.in.	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:42
BRS	445		comb same (add\$3 near4 delay\$4 )	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:42
BRS	429		comb near4 filter\$4 same (add\$3 near4 delay\$4 )	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:44
BRS	381		comb near4 filter\$4 same (subtract\$3 near4 delay\$4 )	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:43
BRS	1153		(add\$3 or sum\$4) near4 delay\$4 near4 sampl\$2	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 19:44
BRS	13		comb near4 filter\$4 same ((add\$3 or sum\$4) near4 delay\$4 near4 sampl\$2 )	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:05
BRS	12183		sum\$4 near4 delay\$4	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:12
BRS	1815		(sum\$4 near4 delay\$4) and equaliz\$5	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:09
BRS	381		(sum\$4 near4 delay\$4) same equaliz\$6	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:12
BRS	38		((sum\$4 near4 delay\$4) same equaliz\$6) and comb	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:09
BRS	12306		sum\$4 near4 (tap\$1 or delay\$1)	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:12
BRS	41207		add\$4 near4 (tap\$1 or delay\$1)	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:12
BRS	49776		(sum\$4 near4 (tap\$1 or delay\$1)) or (add\$4 near4 (tap\$1 or delay\$1))	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:12
BRS	1488		((sum\$4 near4 (tap\$1 or delay\$1)) or (add\$4 near4 (tap\$1 or delay\$1))) same equaliz\$6	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:12
BRS	857		((sum\$4 near4 (tap\$1 or delay\$1)) or (add\$4 near4 (tap\$1 or delay\$1))) with equaliz\$6	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:13
BRS	312		(sum\$4 near4 (tap\$1 or delay\$1)) with equaliz\$6	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:13
BRS	250		((sum\$4 near4 (tap\$1 or delay\$1)) with equaliz\$6) and @ad<200000814	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:16
BRS	14		comb near4 filter\$4 same adaptive near4 equaliz\$5	USPAT; US-PGPUB; EPO; DERWENT	10/28/04 20:17

09/928,402 East Search 10/28/04 AMMS

Kevin Burd

10/28/04

09/928,402

eff: 8/14/00 GER

abstract is a long run on sentence.

para 0006 is the claim without the brackets, easier to read & search

looking for fig 5.

375/350, 316, 346, ~~are these~~

Kurt Schmidt  
Markus Freidhof

2002/0105447 → same inventors bad date

search for 6,636,165 + 6,624,765 might be helpful

comb filter

5,367,120 shows figs 7+8 no other detail

5,148,167 discloses fig 9 which is applicants comb filter 7 on fig 5

↳ reads on lines 8-11. B=1

~~not sure if the input to fig 9, 17+15~~

output of 21 = ~~x + (x-1)~~ ~~+ (x-1)~~  
~~x + delayed x + delay~~

6,614,841 → fig 2 sums up delayed signals, fig 2 is just an adaptive equalizer

I believe the comb filter (fig 9) of 5,148,167 and the equalizer (fig 2) of 6,614,841 disclose some of the claimed components (shown in fig 5 at instant) but would not yield the result claimed and shown in figures 6+7. might want to look in 341 but I think this is the for sample rate conversion only

even if you found the 2 circuits in the same reference, I don't think it would yield figs 6+7!